The following is a complete listing of the claims, and replaces all earlier versions and listings.

1.-31. (Canceled)

32. (Currently Amended) A color facsimile apparatus comprising:

reading means for reading an image ~~line-sequentially scanning an original document in a main scanning direction with moving the original document in a sub scanning direction~~;

generating means for generating image data representing the image ~~original document~~;

buffering means for storing the image data generated by said generating means in a buffer;

extracting means for sequentially extracting, as a minimum coded ~~processing~~ unit for JPEG compression processing, image data ~~equivalent to one line in the main scanning direction of the original document~~ from the buffer before the buffer is filled with the image data generated by said generating means;

overwriting means for overwriting transmission information of image data for a page header or page footer in the unit of extracted image data extracted by said extracting means when the unit of the extracted image data is a unit of the extracted image

data corresponding to a header portion or footer portion in the image in which the transmission information should be overwritten;

compressing means for sequentially executing JPEG compression processing for each unit of the extracted image data including the unit of the extracted image data in which the transmission information is overwritten after overwriting the transmission information by said overwriting means;

storing means for storing compressed data by said compressing means in a memory; and

transmitting means for transmitting a JPEG image data based on the compressed data stored in the memory,

wherein the JPEG image data includes the compressed data of the transmission information.

33. (Cancelled).

34. (Currently Amended) A color facsimile apparatus according to claim 32, further comprising determining means for determining whether the unit of the extracted image data is the unit of the extracted image data corresponding to a header portion or footer portion in the image in which the transmission information should be overwritten, and

wherein said overwriting means overwrites the transmission information in the unit of the extracted data according to a determination of said determining means.

35. (Previously Presented) A color facsimile apparatus according to claim 32, wherein the transmission information indicates at least one of a date, a time, and a number of pages.

36. (Currently Amended) A color facsimile apparatus comprising:

reading means for reading an image ~~line-sequentially scanning an~~ ~~original document in a main scanning direction with moving the original document in a sub~~ ~~scanning direction~~;

generating means for generating image data representing the image ~~original document~~;

buffering means for storing the image data generated by said generating means in a buffer;

extracting means for sequentially extracting, as a minimum processing unit for JPEG compression processing, image data equivalent to one line in the main scanning direction of the original document from the buffer;

compressing means for executing JPEG compression processing for each unit of the extracted image data;

storing means for storing compressed image data by said compressing means in a memory;

transmitting means for transmitting a JPEG image data based on the compressed data stored in the memory; and

overwriting means for overwriting transmission information of image data for a page header or page footer in the unit of extracted image data extracted by said

extracting means when the unit of the extracted image data is a unit of the extracted image data <u>corresponding to a header portion or footer portion in the image</u> ~~in which the transmission information should be overwritten~~ before said compressing means executes the JPEG compression processing,

wherein the JPEG image data includes the compressed data of the transmission information.

37.   (Currently Amended) A controlling method of a color facsimile apparatus comprising the steps of:

<u>reading an image;</u>

~~line-sequentially scanning an original document in a main scanning direction with moving the original document in a sub-scanning direction;~~

generating image data representing the <u>image</u> ~~original document~~;

storing the image data generated in said generating step in a buffer;

<u>sequentially</u> extracting, as a minimum <u>coded</u> processing unit for JPEG compression processing, image data ~~equivalent to one line in the main scanning direction of the original document~~ from the buffer <u>before the buffer is filled with the image data generated in said generating step</u>;

overwriting transmission information of image data for a page header or page footer in the unit of extracted image data extracted in said extracting step when the unit of the extracted image data is a unit of the extracted image data <u>corresponding to a header portion or footer portion in the image</u> ~~in which the transmission information should be overwritten~~;

sequentially executing JPEG compression processing for each unit of the extracted image data including the unit of the extracted image data in which the transmission information is overwritten ~~after overwriting the transmission information in said overwriting step~~;

storing compressed data in a memory; and

transmitting a JPEG image data based on the compressed data stored in the memory,

wherein the JPEG image data includes the compressed data of the transmission information.

38.   (Currently Amended) A controlling method of a color facsimile apparatus comprising the steps of:

reading an image;

~~line-sequentially scanning an original document in a main scanning direction with moving the original document in a sub-scanning direction~~;

generating image data representing the image ~~original document~~;

storing the image data generated in said generating step in a buffer;

sequentially extracting, as a minimum coded ~~processing~~ unit for JPEG compression processing, image data ~~equivalent to one line in the main scanning direction of the original document~~ from the buffer before the buffer is filled with the image data generated in said generating step;

sequentially executing JPEG compression processing for each unit of the extracted data;

storing compressed data in a memory;

transmitting a JPEG image data based on the compressed data stored in the memory; and

overwriting transmission information of image data for a page header or page footer in the unit of extracted image data extracted in said extracting step when the unit of the extracted image data is a unit of the extracted image data <u>corresponding to a header portion or footer portion in the image</u> ~~in which the transmission information should be overwritten~~ before executing the JPEG compression processing,

wherein the JPEG image data includes the compressed data of the transmission information.

39.   (Currently Amended) A storage medium storing a program for causing a computer to function as the following means in a color facsimile apparatus:

reading means for <u>reading an image</u> ~~line-sequentially scanning an original document in a main scanning direction with moving the original document in a sub scanning direction~~;

generating means for generating image data representing the <u>image</u> ~~original document~~;

buffering means for storing the image data generated by said generating means in a buffer;

extracting means for <u>sequentially</u> extracting, as a minimum <u>coded</u> ~~processing~~ unit for JPEG compression processing, image data ~~equivalent to one line in the~~

~~main scanning direction of the original document~~ from the buffer <u>before the buffer is filled</u>

<u>with the image data generated by said generating means</u>;

overwriting means for overwriting transmission information of image

data for a page header or page footer in the unit of extracted image data extracted by said

extracting means when the unit of the extracted image data is a unit of the extracted image

data <u>corresponding to a header portion or footer portion</u> ~~in which the transmission~~

~~information should be overwritten~~;

compressing means for <u>sequentially</u> executing JPEG compression

processing for each unit of the extracted image data including the unit of the extracted

image data in which the transmission information is overwritten ~~after overwriting the~~

~~transmission information by said overwriting means~~;

storing means for storing compressed data by said compressing

means in a memory; and

transmitting means for transmitting a JPEG image data based on the

compressed data stored in the memory,

wherein the JPEG image data includes the compressed data of the

transmission information.

40.   (Currently Amended) A storage medium storing a program for

causing a computer to function as the following means in a color facsimile apparatus:

reading means for <u>reading an image</u> ~~line-sequentially scanning an~~

~~original document in a main scanning direction with moving the original document in a sub~~

~~scanning direction~~;

generating means for generating image data representing the ~~image original document~~; image

buffering means for storing the image data generated by said generating means in a buffer;

extracting means for <u>sequentially</u> extracting, as a minimum <u>coded</u> ~~processing~~ unit for JPEG compression processing, image data ~~equivalent to one line in the main scanning direction of the original document~~ from the buffer <u>before the buffer is filled with the image data generated by said generating means</u>;

compressing means for <u>sequentially</u> executing JPEG compression processing for each unit of the extracted image data;

storing means for storing compressed image data by said compressing means in a memory;

transmitting means for transmitting a JPEG image data based on the compressed data stored in the memory; and

overwriting means for overwriting transmission information of image data for a page header or page footer in the unit of extracted image data extracted by said extracting means when the unit of the extracted image data is a unit of the extracted image data <u>corresponding to a header portion or footer portion in the image</u> ~~in which the transmission information should be overwritten~~ before said compressing means executes the JPEG compression processing,

wherein the JPEG image data includes the compressed data of the transmission information.